Previous references
E8 307 09
" 324-06
" 370-07

Later references
Edn 324-06(1 to 4)
E— 57-12
1,4 ds—

1909
(Edn)

File No 310
Serial Nos 1– 3

GENERAL AND REVENUE SECRETARIAT

Serial Nos 1– 3

Part B for June 10

SUBJECT

Additional charges for the Geology and other Lectures of the Central College

from the I E office no 8690/635 dt 3 3 10

Recommends the const. of a new building for the chemical Lecture of the B A classes of the College & a grant of Rs 50000 in the next budget for the equipment of Physics chemistry, Zoology, Botany & Geology Lectures

2 from do no 9374/698 dt 19 3 10 Submits an estimate a memo ~~from the Asst~~ by the Asst Re- requirements of the G P S 58 College

3 G.O. no 11062-3½ dt 30 6 10 Directs a grant Rs 50000 in the P W budget for 10-11 for the building for the class & lecture rooms sanctioned expenditure amounting to Rs 1,05,

GRS 11]

1909-10

GENERAL AND REVENUE SECRETARIAT

(Education)

NOTES

File No 310-09

FILE HEADING

Additl charges for the Geology and other Sections of the Central College

From The Dir of Edn in Mysore

No 6890/635 Dated 27/7/10 Received 5/8/10

Diary No 6738 | Enclos | Spare Copies | Serial No 1

BRIEF ABSTRACT OF LETTER

Recommends that arrangements may be made for erecting a new building for the Chemical Section of the BA classes of the Central College and that a sum of Rs 50000 may be provided in the next Budget for the equipment of the Physics, Chemistry, Zoology, Botany and Geology Sections

NOTES AND ORDERS

1 In G.O 9876-80/Edn 324-09 dt 30/3/08 Sanctd the Reorganisation of the Colleges to adapt them to the Requirements of the new University Regulations, the following

NOTES—First sheet

GPB—30 000—3 4 07

Serial No

amounts have been allotted for the equipment of the Science Laboratories of the Central College:—

(1). Physical Science Laboratory } Rs 45,000
(2) Chemical do — " 15,000
(3) Natural Science (Geology, Zoology & Botany) } " 15000.
Total Rs 75,000

2 Of this amount Rs 18450 has already been sanctioned in 1908-09 & 1909-10 in connection with the commencement of work in the Intermediate classes as shown below.— G.O No 507 S-82/GD-370 of 24/11/08

Physical Science Apparatus	6,450
Chemical do —	5000
Natural do —	5000
Laboratory fittings	2000
Total Rs	18450

NOTE—Contn sh et

GPB—5 000—7 4 10

G R S 12]
General and Revenue Secretariat

GDA File No 310 of 1909-10

Serial No

3 The D of GDA now requests sanction to a sum of Rs 50,000 for equipment for Physics, Chemistry, Zoology, Botany and Geology at an average cost of Rs 10,000 each.

4 As Regards accommodation he thinks that a new building should be constructed for the Chemical Section, the present building used for that Section being utilized for the Geology classes. To prepare plans and estimates for the Chemical Science Laboratories etc, the new Professor of Chemistry should be appointed early.

5 Therefore the addl expenditure stated to be required is

P.T.O

NOTE—Contn sheet

GPB—55000—7 4 09

G R S 12]
General and Revenue
Secretariat

6138

File No 370 of 1909-10

Serial No

Rs 50000 for equipment
Rs 6000 for a Chemistry Professor on Rs 500-50-1000-
Rs 56000

6 An approximate amount (about Rs 50000) will also have to be provided in the next year's new Budget for the additional buildings required so that the work may be commenced after the Chemistry Professor joins & Settles plans & estimates. The BA classes commence work under the new Regns in July 1911 and the buildings should be ready by that time.

7 Dr II will have to be Consulted Br II for favour of opinion

10-3-10

H bars his 649
9/3/10

7/3/10

** Submitted
11/3

14/3/10

NOTE—C nt heet

GPB—55 1 —2740

G R S 12]
General and Revenue
} Secretariat

6138 5

File No 310 of 1909-10

Serial No

8 Please put up the file relating to GO of 30 3-08.

Branch IV
V D 5/1/13

mch
17 3 10

9 The file Referred to (Edn 324-06) which has been linked in another connection to the ~~2nd Committee~~ Secretary is put up

mch 6/3
18/3/10

10 The proposals made in the DC's letter are the following —

(1) The Construction of a new building for the chemical Section

(2) The appointment, as soon as possible, of the Prof of Chemistry.

& (3) A provision of Rs 50000 for Equipping laboratories

11 In GO of 30 3 08 additional buildings Costing Rs 64000 were Considered adequate for meeting all requirements of the Central College The Committee on whose recommendation the said

NOTE—Co[illegible] sheet

Serial No

G.O was based observed that their Scheme in regard to building, estimated to Cost Rs 64000 was Compact Economical & Calculated to meet all the requirements of the College" we now States that that Scheme does not provide all the accommodation required & propose the Construction of another building in addition, apparently, to the Extensions still already Sanctioned at a Cost of Rs 64000 The Cost of the additional building required is not given & if the Govt proposal is Sanctioned the needful provision for the work will have to be made in the P W Budget for 1910 1911

2 A chemistry Prof on Rs 500 rising by Rs 1000 is provided in the Sca Sanctioned in G.O of 30 3 08 & the appt may be filled up as Soon as there is need for the Professor's Services no one does not Say

3 A total grant of Rs 75000 is Sanctioned in G.O of 30 3-08

x This Estimate I learn was Subsequently revised & raised to Rs 81000

1 Ultimately when the need will arise

Serial No

for equipping the Central College laboratories & out of it a sum of Rs 18450 has already been authr to be spent. Of the balance of Rs 56550, a sum of Rs 50000 to be provided in the next year's budget if the whole of it is required for expenditure that year. The DI's letter does not clearly say if the provision of Rs 50000 asked for is out of the total grant allowed in the Govt of 30th March 08 for the equipment of Natural Science laboratories - only a sum of Rs 15000 is allowed by the Govt GO, while the DI now proposes a sum of Rs 10000 for each of the Zoological, Botanical & Geological Laboratories. If the estimate in regard to equipment of laboratories sanctioned in the GO of 30 3 08 requires revision the DI should have sent to Govt proposals for revision

besides a part of Rs 18450 already spent on them

NOTE—Contn sh et

GPB 500-7-4-09

21 3-10

Serial No 12

As regards the three points referred to by the Asst Secy

(1) The Principals proposal is contrary to the opinion referred to in the Asst Secys note. Additions costing Rs 64000 were are estimated to meet all requirements. We are going to have additions costing much more but it is now reported that they are unapproved. The matter requires further explanation. But the necessity of the addl accommodation asked for by the Principal must is a point for the administrative Dept to decide. And as the provision for such addl accommodation will have to be made within the 25 lakhs P.W. grant, the necessity or otherwise must be decided as a relative question after considering the other demands on the 25 lakhs P.W. grant

But all that was changed

(2) It appears from the Principals letter that the regular work of the Chemistry Professor will begin in July 1911. To have the Professor as soon as possible does not therefore appear to be the most economical arrangement The additions & alterations necessary to the existing buildings for converting them into Chemical laboratories & class rooms can be settled by the existing staff with the help & advice if necessary of Dr Travers. It is

NOTE—Contn sh et

GPB—55000—7 4 10

Serial No

44

doubtful whether the full time of a professor will for 15 months
be occupied with such work The new Professors
may come about this time next year.

(3) The lump sum provision asked for may
be made (viz £Rs 50000) and the Principal to
informed that only Rs 6550 remains
out of the equipment grant of Rs 75000/-
He may also be told that the total equip-
ment grant for the Natural Science Laboratories
is Rs 15000/- only

(13) It may be remarked in endorsement that
the Principal's proposals are vague and
do not refer to the previous orders passed
on the subject

JC
28/8/10

To Br IV
22-8-10

(14) Submitted

hm/sg
28/8/10

Secretary

24/8/10

(15) I believe a letter has been recently
received from the Dy Accountant-General
of the Central College - Please put it up
also

26/8

26/8/10

PTO

G R S 12]
General and Revenue Secretariat

G&S File No 370 of 1909-10

Serial No 2

From the Dy Sl of G&S in Mysore
No 9374/678 & 19/8/10

Submits in continuation a memo from Mr Tait regarding the Requirements of the Central College

16 Mr Tait says that the following expenditure is required —

I For improving the College Latrine — Rs 7,000

II For equipment of Laboratories
Physical Science — Rs 20,000
Geology — " 10,000
Botany & Zoology — " 15,000

III Repairs and improvements to the present Chemical Laboratory — Rs 2500
Rs 47,500

IV (a) Appointment of a Demonstrator for Chemistry on probation for 1 year on Rs 70 pm — Rs 840 p.a

(b) Appointment of 2 more Laboratory attendants on Rs 10 - ½ - 12 Total — Rs 240 p.a
Rs 1080 p.a

NOTE—Cont sheet

GIB—55 000—27 4 J

GRS 12]
General and Revenue Secretariat

5534

File No. 310 of 1909-10

Serial No

(17) Mr Tait suggests that the teaching of advanced Chemistry in the BA classes may be postponed at present as there will be only very few students taking up that subject in the course of the next few years at least

(18) He says that a building costing Rs 15000 is required if Geology is to be taught in the BA classes from July 1911 In addn to this, the building for the Chemical laboratory is also required in the next few years

(19) Mr Tait wants also a Professor of Botany to be appointed at once-

Sd/ Hmg 29/7/10

(20) The present proposal is different in many respects from the one already noted on by the Fin Secy, and might be sent to them again for remarks

Secy

29/7/10

NOTE—Contn sheet

GPB—50 000—7 4 J

Serial No

21 With regard to ~~the~~ these ~~proposals~~ proposals it seems to be necessary to understand clearly what accommodation (in the shape of rooms) is required ~~available~~ for the different branches of study ~~in the college buildings~~, what ~~is required to be the case for their efficient~~ is now available in the college buildings: What will be the ~~state~~ condition of things when the new physics laboratory is completed & the physics section is moved thereto

22 A cloth tracing or ferro print ground plan of the buildings & the necessary statements may be called for. Without such a plan & statements it would be difficult to follow the arguments of the Principal & the Dy & consider their suggestions properly.

23 ~~It seems~~ In his letter the Principal suggests that ~~Geology~~ Geology should be abandoned for the time being & ~~this~~ seems to base his further proposals on this foundation. Geology has been taught in the Central College for a fairly long time & appears to be one of the most popular subjects of study

NOTE—Contn sheet

Serial No

(24) The university results in the subject have been very fair & the science is itself one of some practical importance so far as Mysore is concerned.

It seems to be somewhat late in the day to think of abolishing the teaching of that subject in the College. Even if a new building is put up for it the cost is estimated to be only 15,000 Rs as against the ~~couple of~~ lakhs or two each which Physics & chemistry will require for buildings.

(25) The suggestion that if Zoology is given up & either Botany or Zoology is taken up as a principal subject for the B.A there would not be much expenditure seems to require more detailed examination before it can be accepted.

(26) With the equipment for the intermediate classes for Zoology, it may perhaps be possible to have Zoology also as an ~~add~~ subsidiary subject for the B.A, in addition to Botany. There is necessary a qualified asstt to teach Zoology.

GPB—55 100—7 4 09

Serial No

27) For Botany — both the intermediate & the BA classes — an asst professor would be necessary as the same man is not likely to be qualified to teach both Zoology & botany The proposal to ~~borrow~~ borrow the services of Dr Coleman is not feasible as Dr Coleman has more important work to attend to than to deliver elementary lectures on botany

28) As for Chemistry the present accommodation is very inadequate & inconvenient & requires addition even if the BA classes in Chemistry are not started ~~of the B.A classes~~ A new building is necessary & must be put up soon If the opening of the BA classes in Chemistry is postponed for a few years, the new building may at present provide laboratory accommodation for the intermediate classes & maybe extended when the BA classes are to be opened - The plans may be drawn up & the foundations laid with this extension in view ~~the~~ If the BA classes are postponed as above the new Chemistry professor may be

NOTE—Contn sheet

GPB—5500 — 7 4 09

Serial No

appointed later on But I believe that on another reference the Dy has been asked to look out for a Chemistry professor - So the chemical labs have to be built soon & the necessary funds should be provided as soon as possible

The grants for ~~lab~~ equipment ~~&~~ suggested by the 2nd Dy maybe made. CBB 6/4/10

3225

29 I agree

30 We must, I think make up our minds that no alteration shd be made in carrying out the programme that has almost been settled ~~upon~~ for the beginning

31 The B.A. Chemistry (as the principal subject) branch should be opened

32 For the present, we need not trouble to have either Botany or Zoology as the Principal subjects. An assistant Professor may perhaps be appointed for Botany & I believe he will be able to teach it both for the intermediate and the B.A. (Subsidiary)

NOTE—Cont'n sheet

G R S 12]
General and Revenue Secretariat

G&R File No 310 of 1909-10

Serial No

classes

(33) Geology should be kept up as the main subject with either Zoology or Botany ~~for the B.A. Class~~ as ~~th~~ subsidiary subjects

(34) If any of the Intermediate Candidates show very special aptitude for Botany or Zoology, ~~to do so~~ (say by obtaining over 75 p.c in the class & University Exns) we may give them schps (15 or 20 Rs) to help them to go to Madras to study them as ~~sub~~ Principal subjects.

(35) The Scheme sketched by the Dy is more in accordance with these objects & so his proposals may be accepted - rather than those of the Dart

only

(36) 7/4/10

Dewan

I think Ist agree with the 2nd Commr & the Dy Collr - Circulate 3rd Commr also for his opinion & remarks - thereafter

Recd 17/4/10

NOTE—Continue on sheet

GRB 65/1000—7-4-09

G R S 12]
General and Revenue Secretariat

Edn File No 310 of 1909-10

6534 17

Serial No

Subjects

C.S.
29/4/10

39

1847
21 4 10

Geology may I think be retained as a principal subject in view of its practical importance in Mysore We should adhere to the programme already settled and not depart from it The Dy's proposals may be accepted

K.B.L.
21/4/10

40

Dewany

C.S.
21/4/10

5691
23-4-10

41

Note—Contn sheet

18

Submitted to His Highness

I resubmit the file regarding additional requirements of the Central College for the year 1910-11, which was submitted for His Highness' perusal with my note No 1058 dated 13th April 1910 The First Councillor has since recorded his opinion and he agrees with the Second Councillor and myself in considering that the subject "Geology" should continue to be taught in the Central College and should not be dropped as proposed by Mr Tait

2 I recommend that the following items proposed by the Inspector General may be sanctioned for incorporation in the next year's budget -

(1) Funds for the construction of a new building for the Chemical Laboratory

(2) Provision for the pay of a Professor of Chemistry on Rs 500-50-1,000 to be appointed at once

(3) Provision for the equipment of the Science laboratories

3 As regards item (1), a sum of Rs 50,000 may be provided in the P W Budget The building

19

will be required by July 1911

For item (2), a provision of Rs 6,000 may be made The proposals regarding the appointment of a Professor of Chemistry will be submitted very soon, and if the Professor joins in August provision will have to be made for his passage to India and his pay for 10 months

Rhodesians selected for recommendation BPP

As regards item (3), the Inspector General of Education proposes a lump sum provision of Rs 50,000 at the rate of Rs 10,000 for each of the five subjects Physics, Chemistry, Geology, Zoology and Botany The Principal proposes only Rs 15 000, viz Rs 20,000 for Physics, Rs 10,000 for Geology and Rs 15,000 for Botany and Zoology, but, as pointed out by the Inspector General this does not include any provision on account of Chemistry, and the sum of Rs 50,000 recommended by the Inspector General may be provided for

1 The provision of Rs 7,000 for improving the College latrines, to be included in the P W budget and of Rs 840 for the pay of a demonstrator in Chemistry and Rs 240 for the pay of two more attendants on Rs 10-$\frac{1}{2}$-12 for the Physics laboratory, which are asked for by the Principal and are recommended by the Inspector

Inspector General of Education, may also be allowed

5 The total additional provision in the Education budget will thus be Rs 57,000 and in the P W budget Rs 57,000

Secretary

Extract from the Dewan's Note to His Highness the Maharaja No 1058, dated 13th April 1910

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x x x x

2 In this connection I feel it my duty to submit for perusal the accompanying file (Education File No 310 of 09-10) in which the requirements of the Central College are discussed at some length I have not made up my mind on the subjects therein discussed as there are one or two points on which I would probably require further information, and I submit the file now only for information before I formally seek His Highness' orders on the subject My inclinations at present are to agree entirely with the opinions of Mr Weir and the Second Councillor I would be very sorry if Geology be dropped as proposed by Mr Tait I would give a great deal to have both Geology and Chemistry That a class for any of these sciences would be small need not be an objection for establishing a chair in that science The smaller a class the greater the attention than can be bestowed on each student and therefore the better the quality of instruction Of course it will not do to have too small a class, but the chances are that, although the classes may be undesirably small in the beginning, they will grow in numerical strength in the course of a very few years,

and

and in a matter like this it is well to look ahead.

x x x

"Copy"

27 23

Record of Cases submitted for the Orders of His Highness the Maharaja

Subject

Budget provision for certain ad--ditional requirements of the Central College

978

Order

Approved
~~KRUP~~
10/6/10

Secy
Fin
H/Princes
12/6
13/6/10

12/6/10

13/6/10

5834

GRS 12]
General and Revenue Secretariat

Edn File No 310 of 1909-10 22 24

Serial No

A draft order is submitted.

Hmw 14/6/10

2nd Councillor) HM 14 6 10

4065 Two questions raised in the file about the Central College ~~are~~ (University Report ~~Report~~ Commn's report) are disposed of here. Please ~~send me the file~~ Note the matter while submitting that file to the Dewan-

15/6/10 HM

The two points are noted below — HM 26/6/10

(1) Accommodation for the Geological Section

(2) Improvement of the Sanitary arrangements

Hmw 26/6/10

Issue draft adpd by Councillors & note the above points on the other file refd to in the Councillors order above

HM 27 6 10

NOTE—Continue sheet

GIB—50000—27-4-09

G R S 12]

General and Revenue ecretariat | File No | of 190

Serial No

Note—C nt h t

Edn 81]

D 6138
Edn 310 - 1
4

OFFICE OF INSPECTOR GENERAL OF EDUCATION IN MYSORE

No 8690 (a) / 635

Bangalore 3rd a r c 1910

From

J Weir, Esq , M A ,

Inspector General of Education in Mysore

To

C S Dalsurdaram I er, Esq , B A ,

Offg Secretary to the Government of H H the Maharaja of Mysore, General and Revenue Departments

SIR

With reference to the D O letter o 7331/1 dr dated 23rd February 1910 about the requirements of the Geological section of the B A classes in the Central College, I have the honour to inform you that it will be necessary to provide a lecture room and a petrological laboratory, in addition to accommodation for Botany and Zoology There will not be sufficient accommodation for all of these in the present building even when the new physics building is finished It will therefore be necessary to erect a new building either for the Chemical Section or for the Geological Section

2 As between these two alternatives I have no hesitation in recommending that the new building should be for the Chemical Section Under the new regulations all the students in the Central College must take Chemistry for the Intermediate Classes whether their principal subject is Mathematics, Physics, Chemistry or Geology But the present accommodation for the Chemistry section was not designed for such a large number of students, and is ill suited for efficient teaching of such a large number On the other

GPB—1500—3 6-09

2

other land it can be utilised for the geological section, and would probably suffice for the wants of the Geological Section for some time to come

3 As regards the steps to be taken to carry out the project, the first essential is to get out the new professor of Chemistry as soon as possible, and get the plans prepared so as to have the building finished by the opening of the new term in July next year The Syndicate is not likely to give much assistance in the way of designing suitable buildings if we may judge from the following extract from the minutes of the Syndicate August 4 1908(inutes 1908-09 page 57)

Read letters dated 6th May 1908 and 2nd July 1908 from the Principal, Coimbatore College, requesting that the Principals of the Colleges be furnished by the Syndicate with plans and designs for the new rooms required for the new Science Courses prescribed for the Intermediate Examination together with suggestions as to fittings and apparatus

Resolved that the Syndicate declines to comply with the request

4 Provision should be made in the Budget for a chemical laboratory of about the same dimensions as the new Physics Laboratory and a lump sum grant of Rs 50,000 for equipment for Physics, Chemistry, Zoology, Botany and Geology at an average of Rs 10,000 each

I have the honour to be,

Sir,

Your most obedient servant,

Owen

Inspector General

P 6834

Edn 310-09
SR (2)

Edn 81]

OFFICE OF INSPECTOR GENERAL OF EDUCATION IN MYSORE

No 9374/678 with 4 enclosures

Bangalore 19th March 1910

3

From

J Weir, Esq, M A,
~~H J BHABHA Esq M A~~

Inspector General of Education in Mysore

To

C S Balasundaram Iyer, Esq, B A,

Officg Secretary to the Government of H H the Maharaja of Mysore, General and Revenue Departments

SIR

In continuation of my letter No 8690/635 dated 3rd March, I have the honour to forward herewith a copy of a memorandum by Mr Tait regarding the requirements of the Central College, with an explanatory letter in answer to an inquiry on a point suggested by his memorandum

Mr Tait admits that a new Chemical Laboratory will have to be built within the next few years, but does not recommend that it should be begun in the financial year 1910-11 because for the next few years the number of B A students is likely to be small, and the number of students of B A Chemistry may never be very large He further states that it is impossible to provide for Geology in the present buildings, but at the same time he admits that if additional accommodation is provided for Geology, the present buildings will not suffice for Chemistry even if the College is not affiliated in B A Course II B (Chemistry)

In reading Mr Tait's letters it should be carefully noted that he does not recommend that a building should be put up for Geology He merely says that if Geology is to be continued in 1911, a building

GPB—1500—3 6 09

building must be put up for it, and this will cost Rs 15,500, in addition to Rs 10,000 for equipment, but a considerable portion of this will not be required if Geology is dropped for the time being, and the College is affiliated in Botany and Zoology only

Students who are going to take a degree in Natural Science under the new regulations must study Botany and Zoology in the Intermediate Class Then in the B A class they must take up two out of three subjects Botany, Zoology, and Geology At present the College is affiliated in such a way that students must select either Geology and Botany, or Geology and Zoology, Geology being the principal subject in both cases Mr Tait's argument is that the equipment in Botany and Zoology for the Intermediate Course would serve towards the equipment in those subjects for the B A course if Geology should be dropped for a time, and that there would be a temporary saving in respect of the equipment for Geology and the additional building either for Chemistry or Geology

I still think that the best course will be, to push on the new Chemical laboratory as fast as possible No doubt the number of B A students will be small for a year or two but the present accommodation for Chemistry is inadequate for the Intermediate students, and the sooner this is rectified the better Then it must be remembered that the Tata Institute will very shortly be opening up careers for graduates in Chemistry and it would be unfair to the rising generation in Mysore if they should be excluded, even temporarily, from the benefits of the Institute because they have not had the necessary preliminary training in Chemistry In any case a building for Geology is quite out of the question if a new Chemical laboratory is required within a year or two

As regards the provision for Geology, if the present accommodation satisfies the demands of the Commission as a temporary measure, it ought to satisfy them as a temporary measure for a few months longer while the new chemical laboratory is being finished When the new physics laboratory is completed, the present physics

5

physics laboratory — an enclosed portion of the scout verandah of the Chemical Laboratory forming a room 43 × 12 — will be set free Mr Tait proposes that this should be opened up to improve the ventilation of the Chemical laboratory No doubt this is highly desirable, but as a temporary measure it may be utilised for Geology until the new Chemical Laboratory is completed

As regards the amount which will be required for equipment during the year 1910-11, Mr Tait estimates as follows -

Physics	Rs 20,000
Geology	Rs 10,000
Botany and Zoology	Rs 15,000
Total	Rs 45,000

This makes no allowance for Chemistry, and the amount recommended in my previous letter Rs 50,000 may therefore be retained if a new Chemical laboratory is sanctioned

For repairs Mr Tait estimates Rs 7000 for the latrines and Rs 2500 for the chemical lecture room and laboratory This work may be undertaken by the D P W

Mr Tait recommends that a Professor of Botany should be appointed at once in order to superintend the collection of specimens and equipment of the botanical laboratory and museum Alternatively he suggests that the services of Dr Coleman may be lent for part of the day for some time for this purpose It is advisable that the Botany section should be suitably equipped before the opening of the College in July 1911, but it is questionable whether Dr Coleman can undertake the work without prejudice to his own duties

Mr Tait also applies for a demonstrator in Chemistry from 1st July this year on probation for one year on Rs 70 + I request that provision may be made for these extra charges in the budget

I have the honour to be,
Sir,
Your most obedient servant,
Inspector General

+ Two additional Laboratory attendants on Rs 10-½-12 will be required when the new building is ready

Central College, Bangalore

No 282 10th March 1910

From

J G Tait, Esq ,M A ,

Principal Central College, Bangalore

To,

J Weir, Esq , M A ,

Inspector General of Education in Mysore

Sir,

With reference to your letter No 8802/7 6 dated 7th March 1910 I have the honour to state that the erection of a special building for Geology only at a cost of Rs 15,000 will not suffice for carrying out in full the scheme approved by Government A new Chemical Laboratory will have to be built in the next few years whether the College is affiliated in B A Course II B (Chemistry), or not The present Chemical Laboratory cannot accommodate more than 32 students at a time, so that an Intermediate Class of 64 students has to go in two batches As it is part of the scheme approved by Government that 75 students should be taken in each Intermediate Class, they would have to go in 3 batches

2 Still, I do not recommend that a new building for Chemistry should be begun in the financial year 1910-11 I think that Government would be well advised to wait some time and see how the new Intermediate Course is going to work It is impossible to say at present with certainty how many students will present themselves for admission to the Junior B A class of the Central College in July 1911, but it seems to me very likely that the number will be less than 30 The new Intermediate Examination will be a much severer ordeal than the First-in-Arts Examination and the number of students in the B A Classes will be very much reduced for some years to come. If 30 students - a very liberal estimate- apply for admission to the Junior B A class in July 1911 and if we suppose them to be in the proportion of 2/3 from Intermediate Group (i) and 1/3 from Group (ii) we have according to our present affiliation, 2 B A Course Mathematics and Physics to

to offer to 20 students, and 2 courses, Geology and Botany or Geology and Zoology, to offer to 10 students When one considers that the cost of equipping Physics will exceed 2 lakhs, does it not seem prudent to wait a year or two and see whether the Mathematics and Physics sections are going to fill, before proceeding to spend another lakh on B A Chemistry, which may never attract more than a very few students?

3 There is also the danger of losing sight of more urgent matters, if Government decides to proceed at once with the erection of a new building for Chemistry At present we have 2 courses ready, or nearly ready, for those who pass Intermediate Group (1) But we have no course nearly ready for those who pass Group(II) I see not the slightest chance of our being ready to teach Geology in 1911(July) unless the matter receives attention at once As for Botany, I hope Government will not repeat the experiment of 1909, when we started the Natural Science of the Intermediate class with no equipment of any kind An Assistant Professor was not appointed till March 1909, and no equipment was available until the class had been at work for some months A professor of Botany should be appointed at once in order that he may make his preparations and be ready for his class when it opens in July 1911 He will have plenty to do in collecting specimens of Indian flora, and supervising the teaching of the Intermediate classes The spectacle presented by the Intermediate class of 1909 should be sufficient to convince Government of the baselessness of the fear so often expressed in 1909 that a professor appointed before his class actually commences work will have nothing to do

I have the honour to be,
Sir,
Your most obedient servant,

(Signed) J C Nair,
Principal

"True copy"
Swen
Inspector General

8

Memo of additional Expenditure to be provided for in the Budget of 1910-1911

I Latrines

Rs 7000 should be provided for carrying out the project for improving the College latrines which was returned to the Chief Engineer by the Inspector General of Education with his letter No 7969/77 dated 11th March 1909 If this cannot be done the existing latrines should be demolished, and the Hostel latrines made to serve for Hostel and College boys

II Physics

For the equipment of the new Physics building Rs 20,000 will be required Two additional Laboratory attendants on Rs 10-½-12 will be required when the new building is ready

III Chemistry

A demonstrator in Chemistry will be required from 1st July to be appointed for one year on probation on Rs 70 He will do some of the lecturing to the Intermediate Classes, examine the lecture notes of the students, and assist in the superintendence of practical work

Certain repairs and improvements are urgently needed The cost is estimated at Rs 2000 in the appended memo by Mr C M Vijayaraghavachar

The built-in verandah on the south of the Chemical Laboratory must be opened out as soon as the apparatus in it is removed to the new Physics building The atmosphere of the Chemical Laboratory is made unnecessarily poisonous by the closing up of this verandah (The built-in verandah on the north of the Laboratory may be retained for B A Botany for a year or two)

IV Geology, Botany, Zoology

Nothing can be done for Geology, unless Government decides to build A suitable building, inclusive of lecture room, petrological laboratory and museum, and a chemical laboratory would cost Rs 45,000 according to the estimate of the Professor of Geology An additional sum of Rs 10,000

would be needed for equipment

Botany and Zoology may be accommodated in the present building. For their equipment Rs 15,000 will be required in the coming financial year. Also, a Professor of Botany must be appointed as soon as possible. His advice is required in getting ready for the B A teaching which will begin in July 1911, and he should have some share in superintending the training of the Intermediate students from whose classes will be drawn. If Government prefers to make a temporary arrangement by lending the services of Dr Col or some other qualified person for a certain number of lectures per day, I have no objection to such an arrangement.

An early decision is required in the matter of a new Geological building. If Government will not build, then affiliation in either Botany or Zoology as principal subject must be sought at once.

(Signed) J C Tait,
Principal

"True copy"

Inspector General

10

26/ 2/ 10

MEMORANDUM --

The proposed equipment of the new Physics Laboratory includes the following -

About 30 sinks complete with water taps for high pressure, traps, etc

Electrical wiring, including ordinary lighting circuit and heavy current circuits for arc lamps

Workshop tools and appliances (Lathe, drilling machine, small shaping machine, emery grinder, water pump to lift to top of tower, with necessary shafting and belting)

Direct current dynamo with variable voltage (40 to 140), maximum current 50 amperes With switchboard

10 h p three phase motor, to drive dynamo (Switchboard and transformers)

Air Compressor

Liquefier

Additions to the present collection of physical apparatus required for the new B A course commencing next session

It is estimated that a grant of Rs 20,000 will be necessary to provide the above equipment

No provision is made in the above for systems of piping for vacuum and air under pressure (such as have been installed at the Trivandram College) as it is thought that their cost is out of proportion to their utility

It may be mentioned that the grant made to the Trivandra College for equipment of Physics Laboratory and for additions to the already considerable collection of apparatus amounted to Rs 25,000 This sum was exclusive, apparently, of the cost of machinery. See [illegible] Despatch to the Inspector General of Education in Mysore, dated 17th March 1909

"True copy"

(Signed) H Pitcalfe,

Inspector General

Professor of Physics

GRS 28]

File No 310-09
Serial No 3

Diary No of letter replied to 6834

Proceedings of the Government of His Highness the Maharaja of Mysore

GENERAL AND REVENUE SECRETARIAT
( )

the 19

Date of issue 30 6 10

Signed by Jur BTK

READ—

1 Letter No 8690/635 Dt the 3rd March 1910 from the Dy Sl of Govt in Mysore Submitting proposals for certain addl charges required for the Dental College in connection with the Budget for 1910-11.

2 Letter No 9374/676 Dt 19th March 1910 from the Same officer Submitting Copy of

over

SUBJECT

Restored 11/29/16

a Memorandum by the Principal ~~Principal of the~~ of the Dental College on the Subject together with his own Remarks thereon.

Order thereon

No 11062-3½ 30.6.10
Edn 310-09½

The Dept of Edn states that it will be necessary to erect a new building either for the Chemical Section or for the Geological Section as there will not be Sufficient accommodation in the present building for teaching all the Science Subjects even after the new Physics building is finished. He recommends that the new building ~~Shd to~~ should be

GRS 27]

GENERAL AND REVENUE SECRETARIAT

(Continuation Sheet draft form)

1. for the Chemical Section. Govt agree with the Govt of India and direct that a provision of Rs 50,000 be made in the P.W. Budget for 1910-11 towards the cost of constructing the building. Plans and estimates should be prepared and sent to Govt ~~after the appointment of the~~ in consultation with the new Professor of Chemistry. whose appointment is under consideration.

2. A provision of Rs 7,000 will also be made in the PW Budget for improving the College latrines

3 The following items of expenditure Recommended by the Govt are sanctioned and the total amount Rept

MCGIB—30 000— 10

13

a Memorandum for the Press

15

Rs 57,080 will be included in the 1910 State Fund Budget for 1910-11.

1	Appointment of the Chemistry Professor on Rs 500-50-1000	Rs 6,000
2	Equipment of the Science laboratories at the rate of Rs 1000 for each of the 5 subjects, Physics, Chemistry, Geology, Zoology & Botany	Rs 50,000
3	Appointment of a Demonstrator for Chemistry on Rs 70 p.m.	840
4	Two more laboratory attendants on Rs 10-½-12 each	240
	Total	Rs 57,080

4 Detailed estimates should be submitted before utilizing the provision sanctioned for Laboratories.

1460
For Secy.

To the Dy Dir of Edn
a Compliet Stmt
a Chapter Part II